

LOCATION OF WATER WELL: County: Hodgeman Fraction: NW 1/4 SW 1/4 SW 1/4 Section Number: 3 Township Number: T 22 S Range Number: R 21W EW

Distance and direction from nearest town or city street address of well if located within city?
5 miles east, 3 miles north of the town of Hanston

WATER WELL OWNER: Leroy Ruff (Ruff Farms)
 RR#, St. Address, Box #: Box 206 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Hanston, Ks. 67849 Application Number: 38-232

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

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DEPTH OF COMPLETED WELL: 107 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 45 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 45 ft. below land surface measured on mo/day/yr 6-4-87
 Pump test data: Well water was 80 ft. after 4 hours pumping 700 gpm
 Est. Yield 800 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 28 in. to 107 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

TYPE OF BLANK CASING USED:
 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued _____ Clamped _____ Welded X Threaded _____
 Blank casing diameter 1.6 in. to 35 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 18 in., weight _____ lbs./ft. Wall thickness or gauge No. 7

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) _____ 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) _____ 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 35 ft. to 107 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 107 ft., From _____ ft. to _____ ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout intervals: From 0 ft. to 10 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) none

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<u>0</u>	<u>35</u>	<u>top soil & clay</u>			
<u>35</u>	<u>41</u>	<u>sand(fine)</u>			
<u>41</u>	<u>57</u>	<u>sand (good)</u>			
<u>57</u>	<u>58</u>	<u>clay</u>			
<u>58</u>	<u>63</u>	<u>sand</u>			
<u>63</u>	<u>65</u>	<u>clay & sand stone</u>			
<u>65</u>	<u>75</u>	<u>sandstone</u>			
<u>75</u>	<u>99</u>	<u>sandstone brown</u>			
<u>99</u>	<u>107</u>	<u>clay</u>			

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7-1-87 and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 130 This Water Well Record was completed on (mo/day/yr) 7-2-87
 under the business name of Leo Knoefler Driller by (signature) Leo Knoefler

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

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